

Please add the following new claims 24 and 25:

Sub D' > — 24. A thermal insulation jacket, comprising:

an inner wall and an outer wall that define an inner space that can be evacuated so as to form a vacuum;

an insulating material filling the inner space between the inner and outer walls;

the inner space including a getter that is able to absorb both water vapor and at least a second type of gas or vapor from the inner space;

the inner space also including a water sorbing material for sorbing the water vapor;

a container for the getter and water sorbing material positioned in the inner space, the container being divided into inner and outer zones and being made of a material that is water-free,

the getter being positioned in the inner zone of the container and the water absorber filling the outer zone of the container;

the outer zone of the container communicating with both the inner space and with the inner zone of the container and the inner zone of the container communicating with only the outer zone of the container so that the water absorber prevents water vapor in the inner space from reaching the getter.

Sub D' > 25. A method for producing a thermally insulating jacket,  
comprising:

evacuating an inner space defined by inner and outer walls to form  
a vacuum;

filling an inner space of the jacket with insulating material, the  
inner space being defined by an inner wall and an outer wall;

providing for absorbing both water vapor and at least a second  
type of gas or vapor from the inner space with a getter;

providing for sorbing water vapor with a water sorbing material;

positioning the getter and water sorbing material in the inner  
space in a container that is impervious to water vapor,

subdividing the container into an inner zone and an outer zone,  
the getter being positioned in the inner zone of the container and the  
water absorber filling the outer zone of the container;

placing the outer zone of the container in communication with  
both the inner space and the inner zone of the container, and placing the  
inner zone of the container in communication with only the outer zone of  
the container so that the water absorber in the outer zone prevents the  
water vapor from reaching the getter;

evacuating the inner space to a predetermined level of pressure;

and